

Business Meeting. 4:00 P.M.

CONTRIBUTED PAPERS II. 4:30 P.M.-6:20 P.M.

Chairman: D. B. DeLury, Ontario Research Foundation.

Papers:

- (1) *The Asymptotic Variance of Estimates of the Mean Life of a Radioactive Source (Preliminary Report.)* Richard F. Link, Princeton University.
- (2) *Testing the Equality of Means of Rectangular Populations.* Robert V. Hogg, State University of Iowa.
- (3) *The Structure of the Sample Space for Group Organization Theory.* Leo Katz and James H. Powell, Michigan State College.
- (4) *A Family of Cumulative Frequency Functions for J-shaped frequency Functions.* C. W. Topp and F. C. Leone, Case Institute of Technology.
- (5) *Multilayer Significance Procedures. (Preliminary Report.)* John W. Tukey, Princeton University.
- (6) *Estimation in Truncated Multivariate Normal Distributions.* A. C. Cohen, Jr., University of Georgia.
- (7) *The Extrema of Certain Functionals of Distribution Functions (Preliminary Report).* Wassily Hoeffding, University of North Carolina.
- (8) *Probability Distributions Related to Random Transformations of a Finite Set (Preliminary Report).* H. Rubin and R. Sitgreaves, Stanford University.
- (9) *Characterization of Tolerance Regions.* (By title.) D. A. S. Fraser, University of Toronto.
- (10) *A Nonparametric Model for the Linear Hypothesis.* (By title.) D. A. S. Fraser, University of Toronto.
- (11) *On the Analysis of Diurnal Fluctuations in Physiological States and Performance. (Preliminary Report.)* (By title.) Christine Kris, Illinois Institute of Technology and University of Chicago.

GEORGE L. EDGETT
Assistant Secretary

**MINUTES OF THE BUSINESS MEETING,
KINGSTON, ONTARIO, SEPTEMBER 3, 1953**

The business meeting of the Institute of Mathematical Statistics was called to order by President Morris H. Hansen at 4:05 P.M., in Miller Hall, Queen's University, Kingston, Ontario. Approximately forty members were present.

The President reported to the business meeting that the financial position of the Institute continues good with a continuing growth in membership. In fact, the present healthy financial position raises the question of the disposition of the excess of current income over current expenses. There was general agreement in the Council that it is desirable to acquire a moderate surplus, equivalent at least to two or three years annual income, in order to have stability in meeting crises of the sort that occurred a few years ago. Beyond this, our net income position poses for consideration the question of possible reduction in dues against increased Institute activities.

One step along this line is reported below in the form of an amendment to the

Bylaws providing for reductions in the dues for students and for members residing outside the Continental U. S. and Canada.

Another step is the authorization by the Council of two committees, one a committee to advise on desirable surplus levels, investment, and dues structure, and the other a committee to consider new areas of activity and development. Such committees will be appointed shortly and should have the benefit of suggestions from the membership.

There has been considerable discussion recently concerning the desirability of scheduling the annual meeting at a time other than during the week between Christmas and New Years. This discussion has led to authorization by the Council of a committee to explore this problem with the membership and with other societies with whom we meet. Members may wish to give some thought to this question and make their wishes known.

An especially significant action was taken at Kingston by the Council, an action designed to facilitate carrying out the business of the Institute by insuring that meetings would be held under conditions that make possible the full participation of all members. To this end the following resolution was adopted unanimously by the Council.

It is the policy of the Institute of Mathematical Statistics that all its meetings shall be held on a completely nonsegregated basis. In particular, prior to determining the place of a forthcoming meeting, the Secretary of the Institute of Mathematical Statistics shall ascertain that meeting halls, eating facilities and housing accommodations adequate for the expected attendance will be available on a nonsegregated basis and that all social events connected with the meetings shall be nonsegregated.

Professor Ralph A. Bradley next reported on plans for future meetings of the Institute.

President-Elect Edwin G. Olds announced the appointment of Professor Donald A. S. Fraser as Program Coordinator for 1954.

The Secretary moved the adoption of the following amendment to the Constitution:

That, in the Constitution, Article 6, the word "sixty" be changed to "ninety" and the word "thirty" to "forty-five."

This motion was seconded and passed. The amendment having been recommended by the Executive Committee and notice having been sent to each member by the Secretary at least thirty days before the the date of the meeting, Article 6 of the Constitution was thereby amended to read:

The president shall appoint a Nominating Committee and shall announce their names at the annual meeting when he retires from office. This committee shall submit to the members, through the Secretary and at least ninety days before the closing of polls at the next succeeding annual meeting, one nomination for President-Elect and a slate containing at least twice as many names as there are vacancies on the Council.

Additional nominations may be made for President-Elect or for the Council by a petition signed by twenty members. Such nominations shall appear on the ballot if they are in the

hands of the Secretary at least forty-five days before the closing of polls at the next succeeding annual meeting. In any event, members may vote for names in addition to those nominated.

The secretary moved the adoption of the following amendment to the Bylaws:

That, in the Bylaws, Article 1, the words "after it has been audited by a member or members appointed by the President, to whom such member or members shall report" be deleted and the sentence "The financial statement shall be audited within three months of the close of the fiscal year by a person or persons appointed by the President, to whom such person or persons shall report." inserted.

This motion was second and passed. The relevant paragraph of Article 1 of the Bylaws was thereby amended to read:

The Treasurer shall send out calls for annual dues, pay all bills for expenditures authorized by the Institute, Council or Executive Committee; keep a detailed account of all receipts and expenditures; prepare a financial statement at the end of each fiscal year and present an abstract of same at a business meeting of the Institute. The financial statement shall be audited within three months of the close of the fiscal year by a person or persons appointed by the President, to whom such person or persons shall report.

The secretary moved the adoption of the following amendment to the Bylaws:

That in Article 2 of the Bylaws (1) the word "seven" in the second sentence be changed to "six", (2) the word "seven" in Exception D be changed to "six", (3) the word "seven" in Exception E be changed to "six."

This motion was seconded and passed. The amendment having been recommended by the Council, the opening section of Article 2 was thereby amended to read:

Members shall pay ten dollars at the time of admission to membership and shall receive the full current volume of the official journal. Thereafter members shall pay ten dollars annual dues, of which six dollars shall be for a subscription to the official journal. There shall be the following exceptions.

Exception D was thereby amended to read:

Any Member who resides outside the United States and Canada shall pay five dollars annual dues.

Exception E was thereby amended to read:

Any Member who is a bona fide student (as certified by a member of the faculty of his institution) may pay six dollars annual dues. Members may not take advantage of this rate for more than four years.

During the presentation of the last amendment, the chair was turned over to President-Elect E. G. Olds.

The meeting adjourned at 4:35 P.M.